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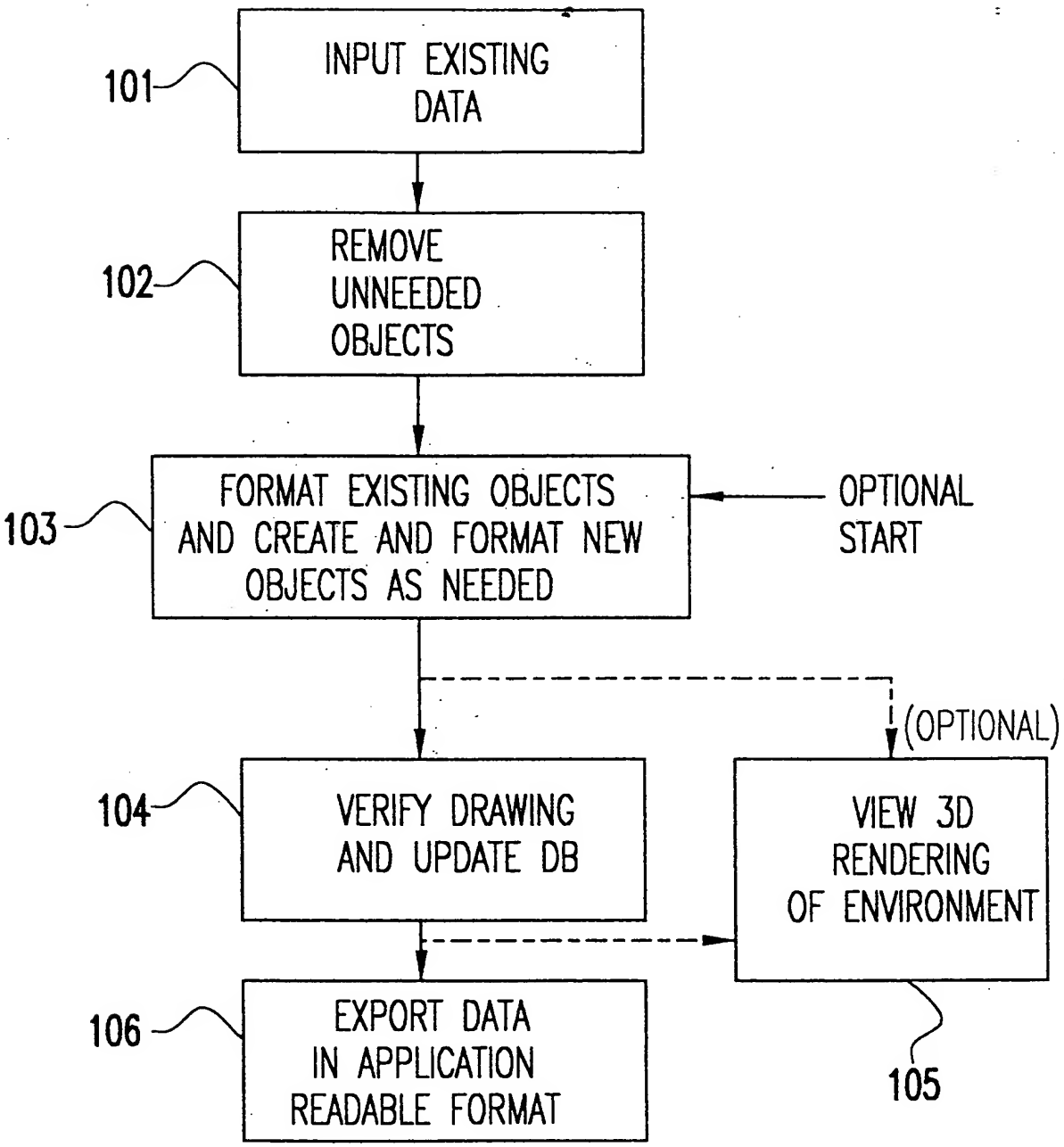
101
INPUT EXISTING DATA
102
REMOVE UNNEEDED OBJECTS
103
FORMAT EXISTING OBJECTS AND CREATE AND FORMAT NEW OBJECTS AS NEEDED
OPTIONAL START
(OPTIONAL)
104
VERIFY DRAWING AND UPDATE DB
VIEW 3D RENDERING OF ENVIRONMENT
105
106
EXPORT DATA IN APPLICATION READABLE FORMAT

FIG.1

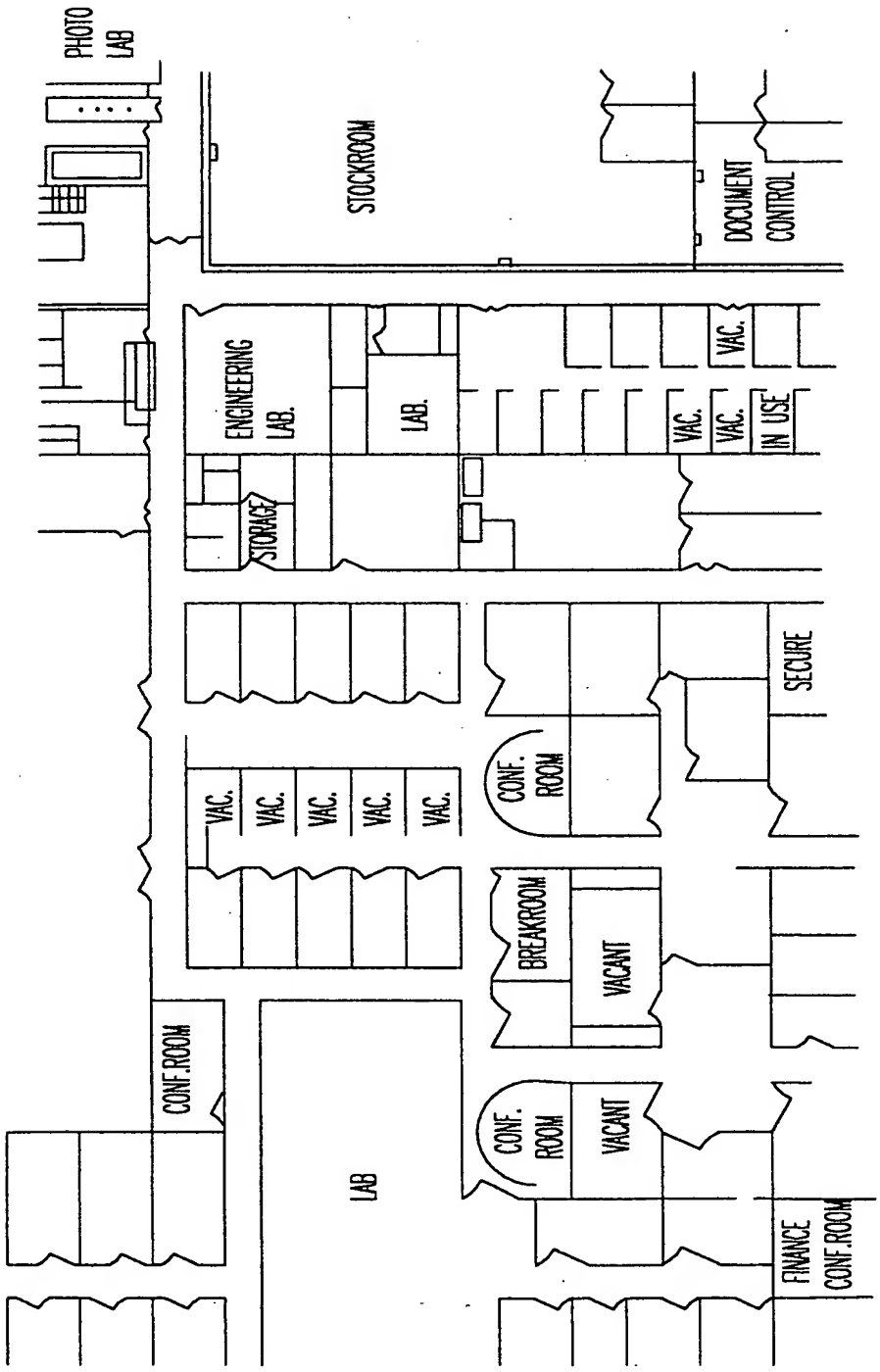
PHOTO LAB
STOCKROOM
DOCUMENT CONTROL
ENGINEERING LAB.
LAB.
VAC.
VAC.
VAC.
IN USE
STORAGE
SECURE
CONF. ROOM
VAC.
VAC.
VAC.
VAC.
VAC.
BREAKROOM
VACANT
CONF.ROOM
LAB
CONF. ROOM
VACANT
FINANCE CONF.ROOM

FIG.2

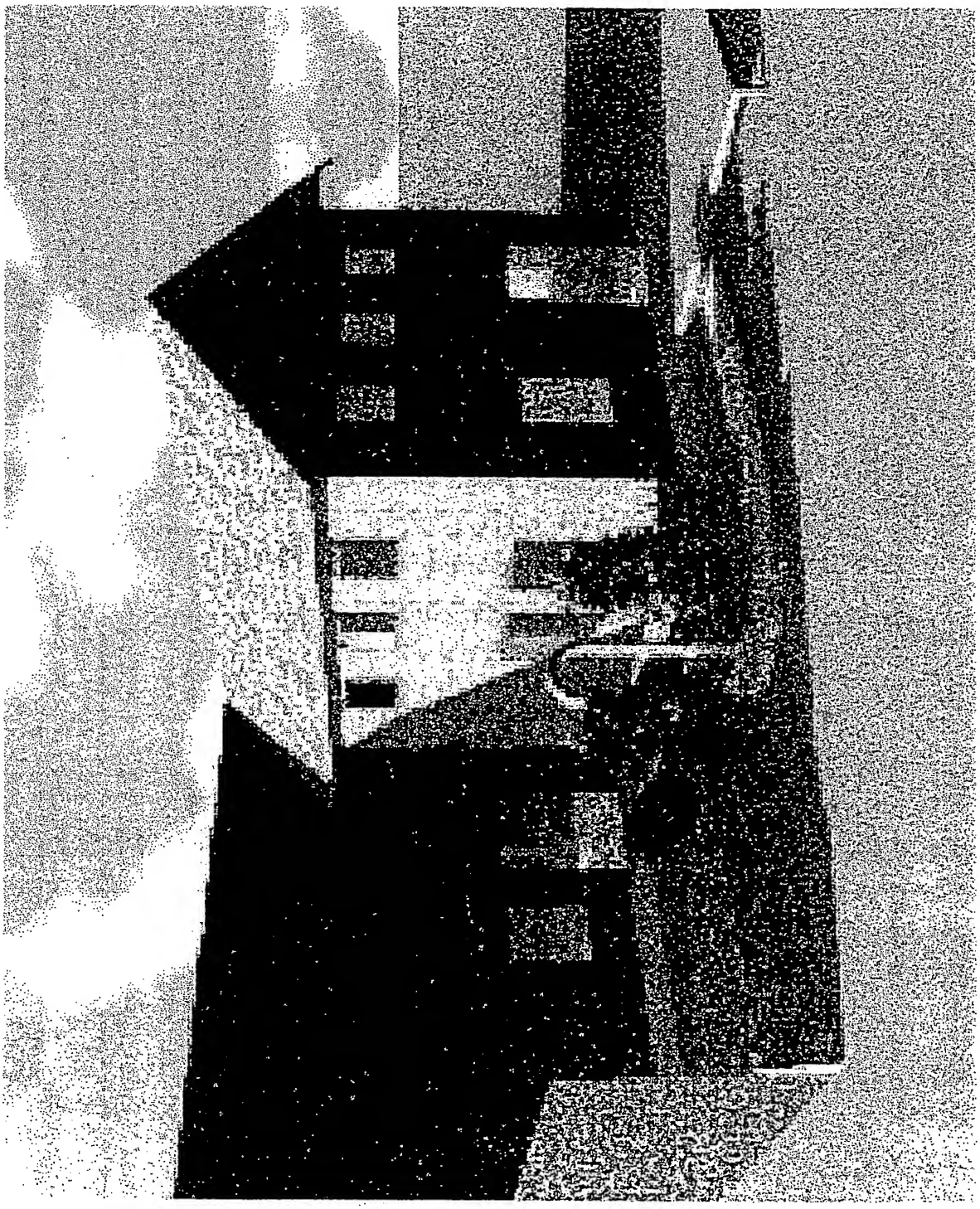

FIG.3

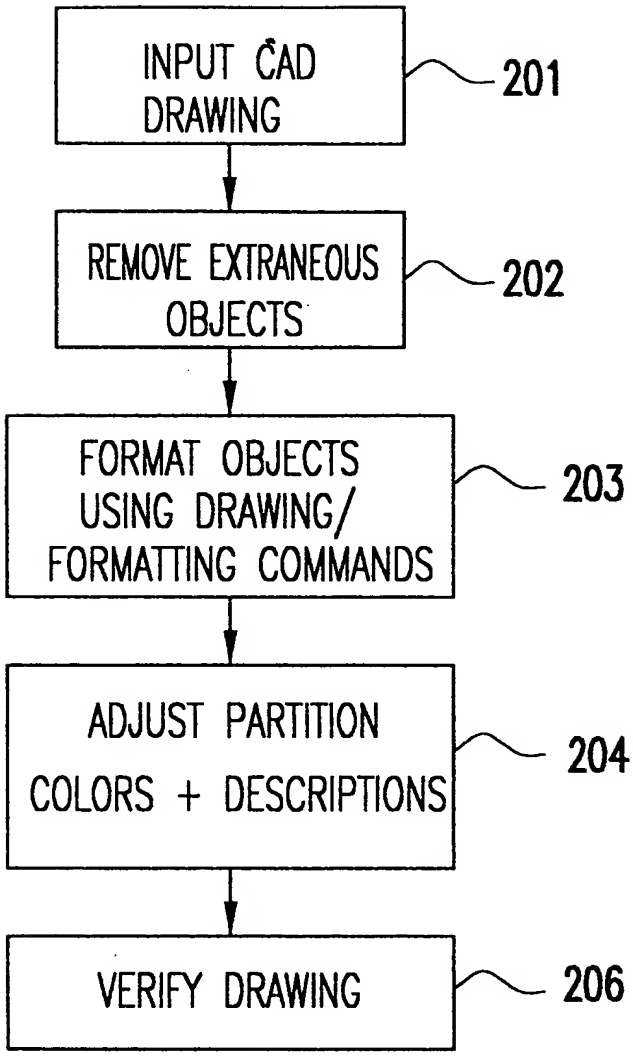
INPUT CAD DRAWING
201
REMOVE EXTRANEOUS OBJECTS
202
FORMAT OBJECTS USING DRAWING/ FORMATTING COMMANDS
203
ADJUST PARTITION COLORS + DESCRIPTIONS
204
VERIFY DRAWING
206

FIG.4

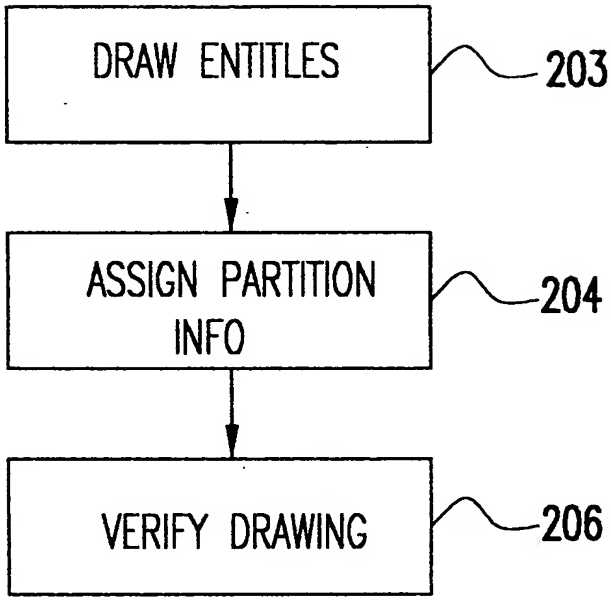
DRAW ENTITLES
203
ASSIGN PARTITION INFO
204
VERIFY DRAWING
206

FIG.5

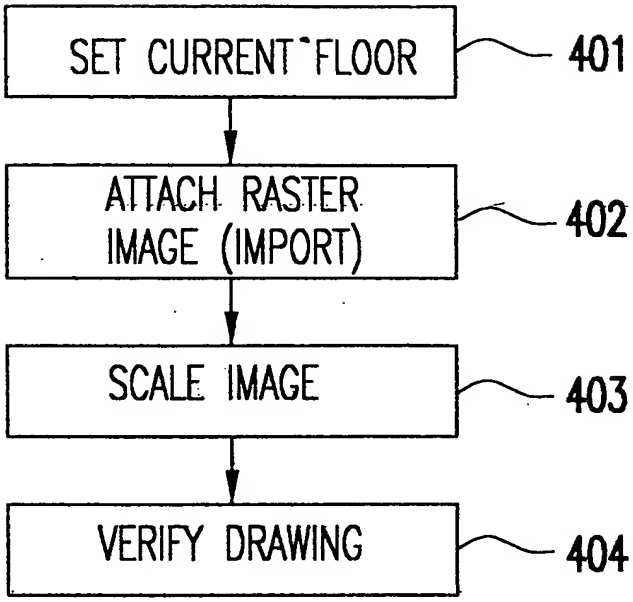
SET CURRENT FLOOR
401
ATTACH RASTER IMAGE (IMPORT)
402
SCALE IMAGE
403
VERIFY DRAWING
404

FIG.6A

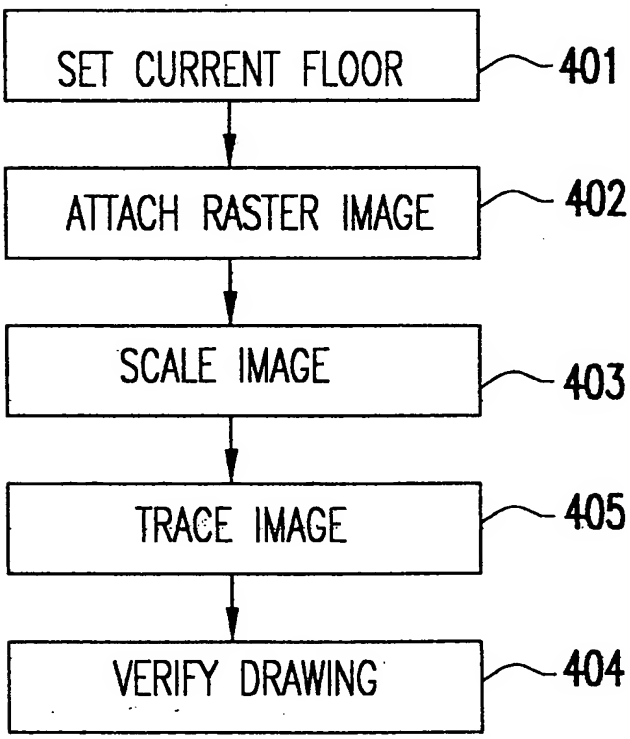
SET CURRENT FLOOR
401
ATTACH RASTER IMAGE
402
SCALE IMAGE
403
TRACE IMAGE
405
VERIFY DRAWING
404

FIG.6B

Endpoint

Snaps to the closest endpoint of an entity.

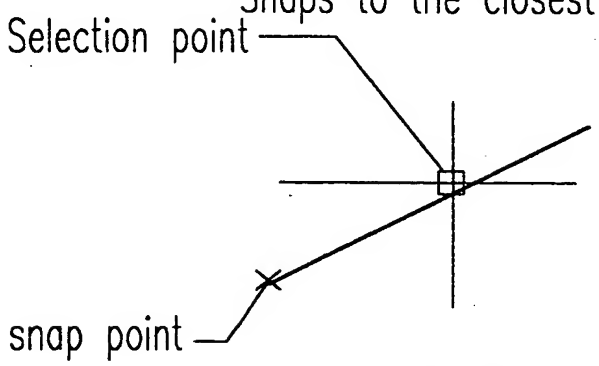

FIG.7A

Midpoint

Snaps to the midpoint of an entity.

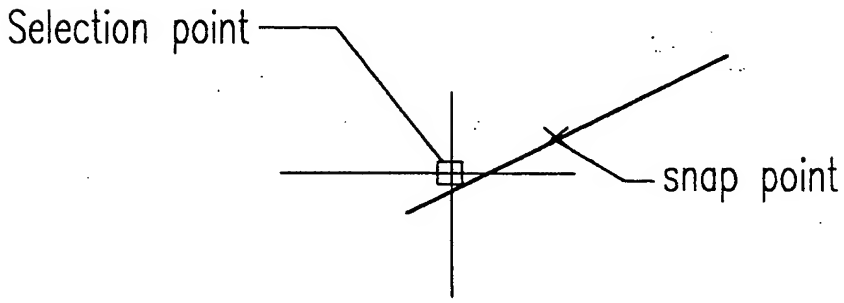

FIG.7B

Perpendicular

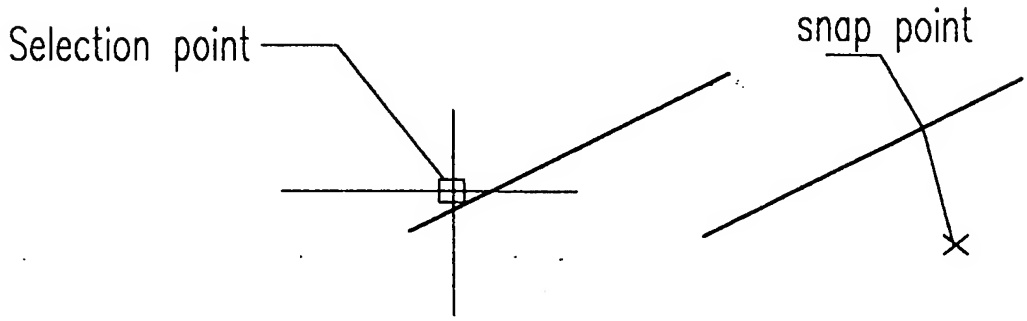

FIG.7C

Node

Snaps to a point object

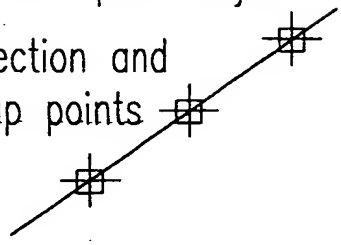

FIG.7D

Intersection

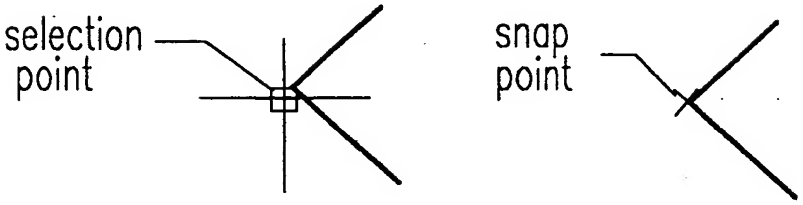

FIG.7E

Apparent intersection

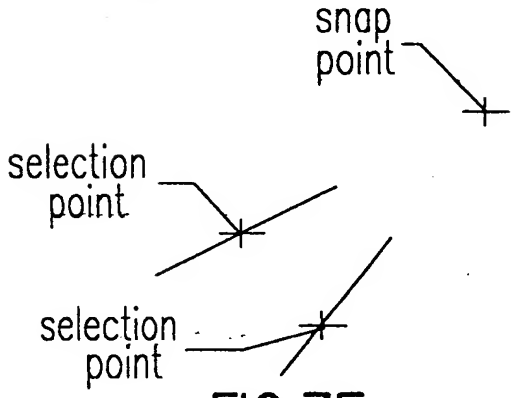

FIG.7F